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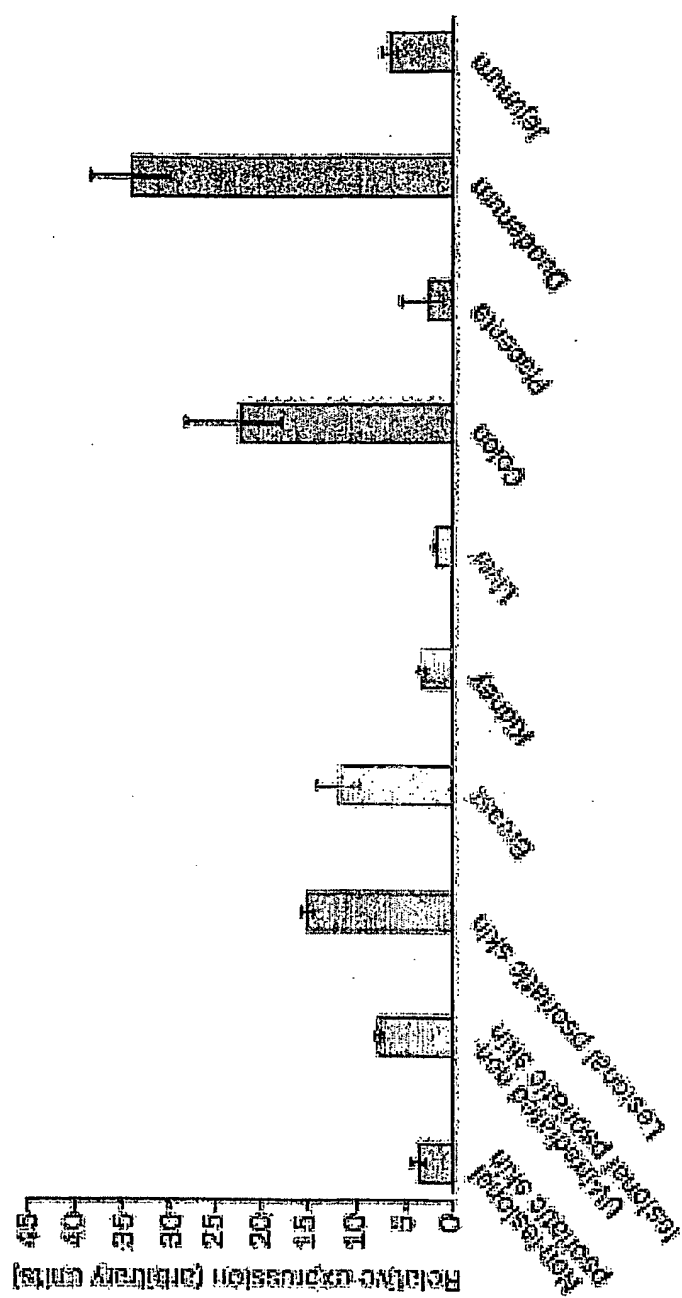


Figure 1

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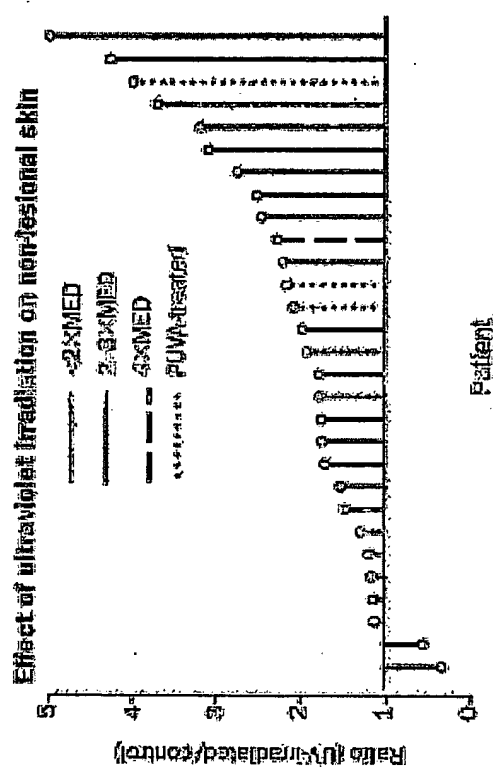


Figure 2A

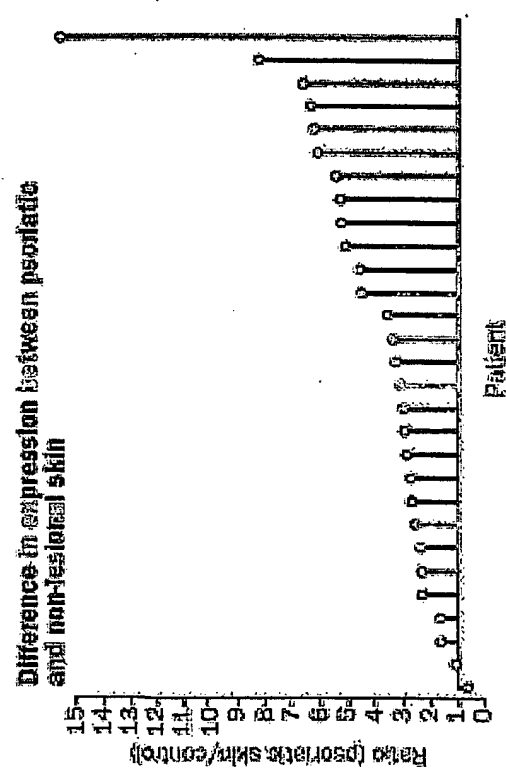


Figure 2B

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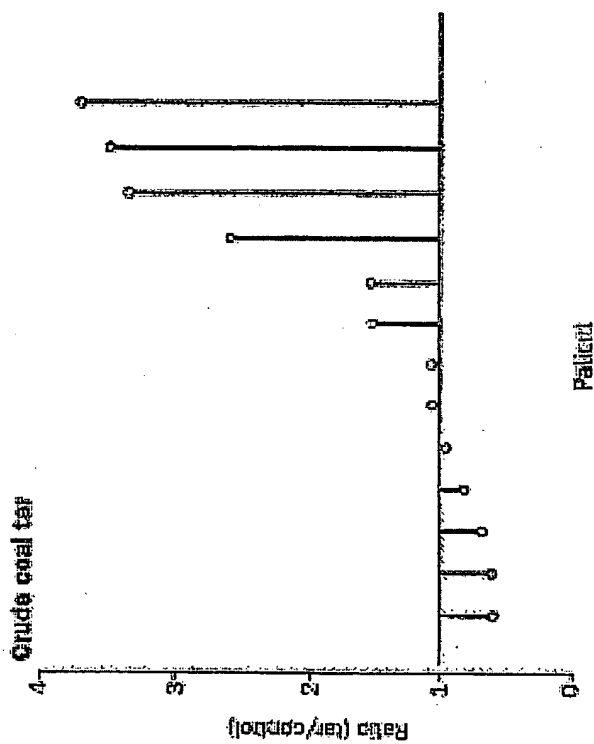


Figure 3A

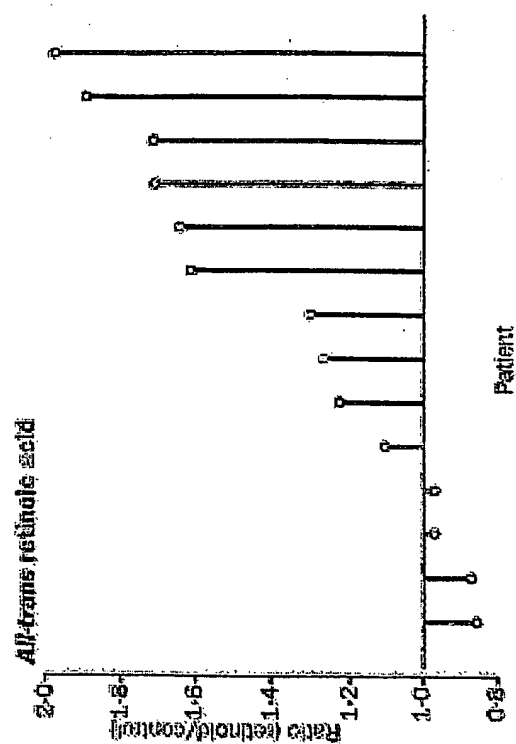


Figure 3B

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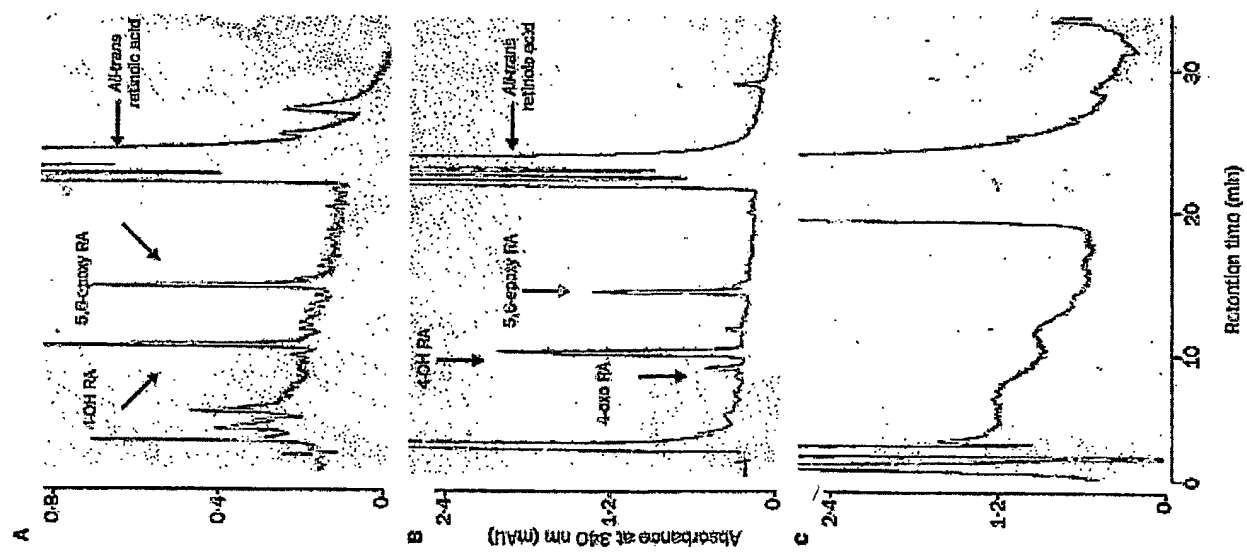
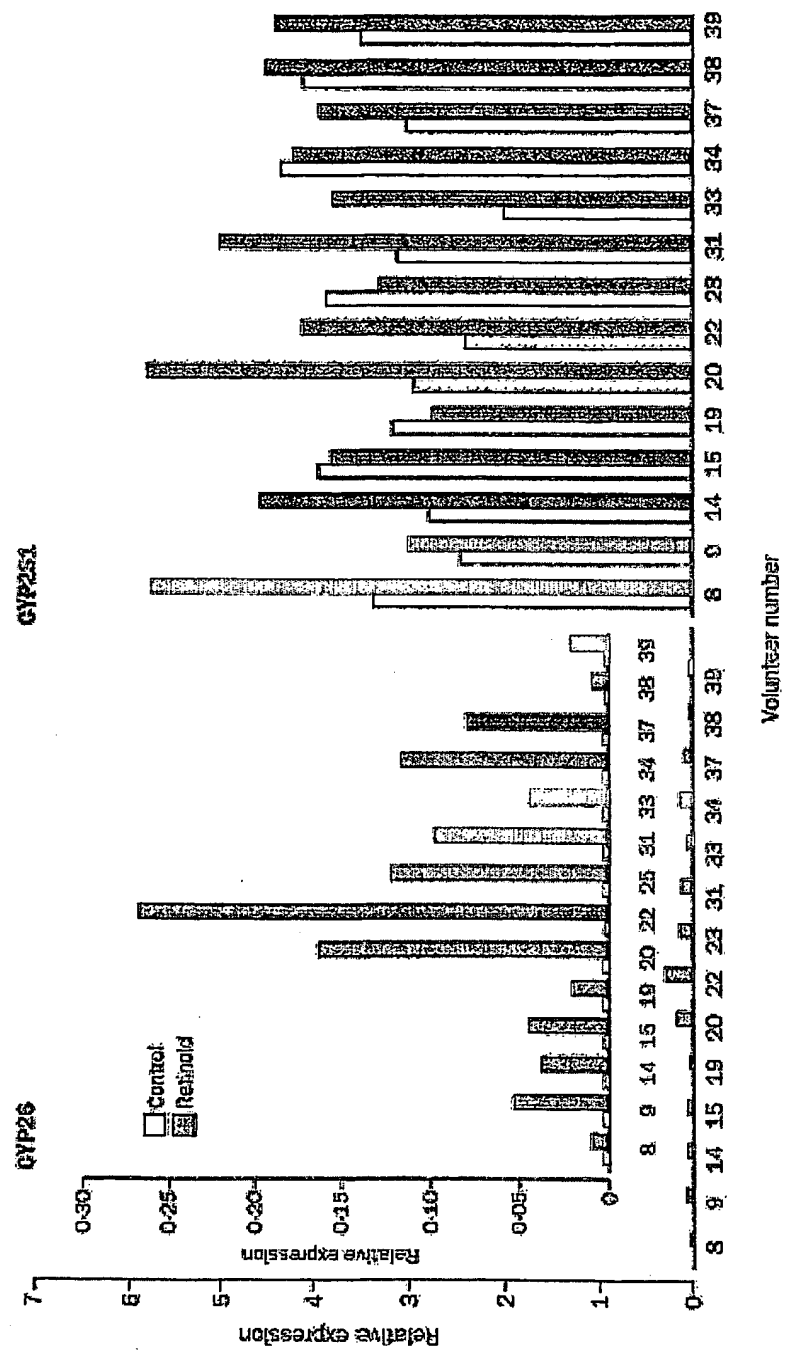


Figure 4

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Figure 5



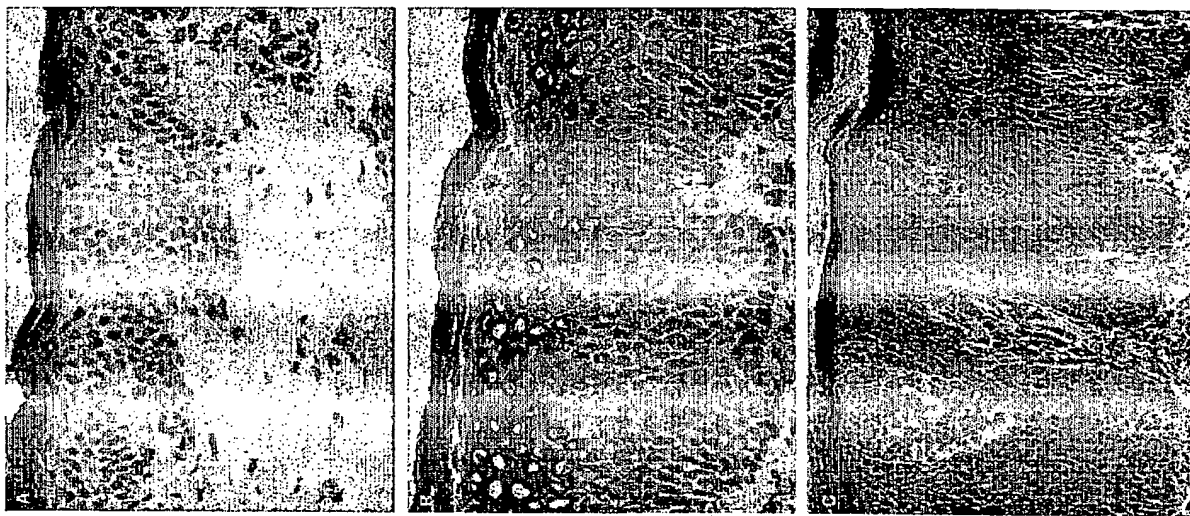


Figure 6

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CYP2S1 promoter sequence 10kB immediately upstream of the initiating ATG (start of coding sequence)

-10,000bp

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TGAGCAGTGG GATGAGGGGA TGGAATGAAG GACTGGATAA GGGATAGGTG
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ACGAGTGGAT GGATGACAGG ATAAATAGGG AAGGGAGGAG GGATAGGATG
ACGAGACGGC TG TAGAAGCC CAGAGCAGAG AACATTGCTG CTTTGGGGTC
GATGATGTAA TCACCTCAAC TCACTGACAC TATTCCCAGC CACGGATGAT
GCTCACAGAA TCTGGGGAAG TCCAAGGCCT GGAAGCAGGA CTCATCTTGG
ACTTCCCCTT CTATCTAGTT CCAGGTGCTG **AATGA**GGCAC CTCTGAAGAA
GAGAAAGGAG AGAGACTAAG ATAAACAAGA CTGAGAGGAA AAAATCAGAG
TGGGCAGGCA GAGTGAGCCT GGTAAGTGG ACCACAGAGC AGACAGGCTG
TGGCTTAGCC TTGGACAGCA GGTGGGGTTC CAGAGCCATA TGCTTGAGG
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CAGCTTGCCA GAACCCTGGG GTTGGCAGCT TCCAGAATGG TTAGGAAAAT
CCACAGTAGT GGTCAGGCGC GGTGGCTCAT GCCTGTAATC CCAGCACTTA
GGGAAGCCAA GGCAGGCGGA TCACTAGGTC AGGAGATCGA AACCATACTG
GTTAACACGG TGAAACCCCG TCTCTACTAA AAATACAAAA AATTAGCTGG
GCATGGTGGC ATGCGCCTGT AATCCCAGCT ACTCGGGAGG CTGGGGCAGG
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CATTGCACTC CACCTGGGCA ACAGAGCGAG ACTCCGTCTC AAAAAAAAAA
AAAGAAAGAA AGAAAAAGAA AATCCACAGT AGGGGGCCAG ACACAAAAAT
GATCACTCCA GCACTGTCCA GCCCAGATCA GAGGGTTTCT GATGGGAAGT

Figure 7

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TGGGAACCTA AGAATGTTTG CTTTCTAGAC TTGAGAATTT TGGACACTTG
ATTGCTTTCT GGATGAATTT TAGAGATTTA TAAATTGTAT TGAAAGTGTT
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TACTGCACTC CAGCTTAGGC AACAGAGCAA AACTCTGTCT TTAACAAAAA
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CAGAACTTTG GGAGGCCAAG GTGGGTGGAT CACT**TGAGTG AGGTC**AGAAG
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GAAGCTGAGG CAGGAGTATC ACTTGAATCC AGGAGGCAGA GGTTCAGTG
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CATCTCAAAA AAGAAAG**TGA ATCA**ATATAT AAAATATAAA AAGACAAAAA
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CACTTTGGGA GGCCGAGGTG GGTGGATCAC A**AGGTC**AGGA GATCCAGACC
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AAAAAAATTA GCTGGCCATG GCG**GCGGGCA** CctGTAGTCC CAGCTACTCA

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GAGCCGAGAT GGCACCACTG CACTCCAGCA TGGGCGACAG AGCAAGACTC
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CTGGGAATTT ATGGAAAGGA AAAGAAATCA GTGTATCAAA GGGATAGCTA
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AACCTAAATG TCCATCAACA GATGAATGGA TAAAGAATAT GTGGTACATC
TACACAATGG AAAACTATTT GGCCGTTAGA AAAAGAATAA AATCCTGTCA
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CAAGCCAGGT TCTAGATAGA AATATAATTA AGCATTGGCT GGGCACAGTG
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AGTGAGACTC AAAAAAAAAA AAAAAAAAAA AAAAGAAAGA AAGAAAGAAA
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CTTGTGACCC CCACCCCTGC CAGCCAGAGA ACAACCCCTT TTGACTGTAA
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GCCCCACTCCA AAACCCTTGA ACACCCTAGC CCCAAACTCT TAGGGGAGAT
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CAGAGGAATT AGGCTGTGAA TTCAAGCAGT CTGGCTTCAG CCATCACGGT
CCTAACCGCT CTGCAAACTG CCTCTAAACG AAT**TGAATGAA** TGACTCAATC
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GAGTTCCCGA CATCAGGCGG CGGCGGTGGT CCGGGAGAAA CCCGGCGGCG
GGGAGATAAG CCTGCCCAGG AGGCAGGGGG CTGGGCTAGC TGCCCCGCCC
CGCGCCTGAC TTCGTTGGGG AGGGAGACGC CCGGCTCCCG CCCCTAACTA
GCCCAGCCGC GCGGAGCGCC TGGGAGAGGA GAAGGAGCCG ACCTGCCGAG (-1)

ATG